YUKON MINERAL DEPOSITS

January, 2004

Including...

- colour map and legend of 81 Yukon mineral deposits with reserves/resources
- commodity tables for copper, gold, lead-zinc, silver, tungsten, other, coal

The tables are comprised of information gathered from a variety of sources including Yukon Minfile, company press releases and web sites, and Yukon Geological Survey publications, and other historical sources of information.

Each table contains the following information:

- Name of deposit
- Corresponding number on Yukon mineral deposits map
- Other names the deposit is known by
- Owner or contact

- Commodity or commodities

- Yukon Minfile reference number
- N.T.S. map sheet
- Latitude and longitude
- Location

- Reserves/resources
- Grade

- Comments

YUKON GEOLOGICAL SURVEY

Yukon
Energy, Mines and Resources

YUKON MINERAL DEPOSITS – Map

YUKON MINERAL DEPOSITS – Legend

104-07763/

CRATON

- NA — Platforms
- SB — Selwyn Basin

TERRANES

- CA — Cassiar
- Y-T — Yukon-Tanana
- NS — Nisling
- SM — Slide Mountain
- CC — Cache Creek
- ST — Stikinia
- WM — Windy-McKinley
- AX — Alexander
- WR — Wrangellia
- CG — Chugach
- m — Undivided metamorphics

- ○ Au
- ● Au (Ag, Cu, Pb, Zn, Mo)
- ◆ Ag (Pb, Zn, Cu, Au)
- ■ Pb-Zn (Ag, Au, Cu, Ba)
- ▼ Cu (Mo, Au, Ag, Pb, Zn
- ▽ Ni-Cu
- ▬ Coal
- ✚ Iron

b = barite
t = tungsten
m = moly
r = rhodonite
j = jade
s = tin

1. Mel
2. McMillan
3. Hyland Gold
4. Sa Dena Hes
5. Bailey
6. Hart
7. Logtung
8. Logan
9. JC
10. Red Mountain
11. Marlin
12. Venus
13. Skukum
14. Goddell
15. Mt. Reid (Skukum Creek)
16. Whitehorse Copper
17. Ketza
18. Risby
19. Whiskey Lake
20. Tintina (Eagle)
21. Wolf
22. Wolverine Lake
23. Kudz Ze Kayah
24. Fyre
25. Ice
26. King Arctic
27. Matt Berry
28. Howard's Pass
29. Grew Creek
30. Faro, Grum, Vangorda, Grizzly (DY), Swim
31. Clear Lake
32. United Keno Hill
33. Tom
34. Jason
35. Mactung
36. Samovar (Tea)
37. Plata/Inca
38. Goz
39. Craig
40. Vera
41. Val
42. Marg
43. Clark
44. Dublin Gulch
45. Garnet (Ray Gulch)
46. Pagisteel
47. Blende
48. Marathon (Airstrip)
49. Pole (Wernecke)
50. Garlic Ring
51. Illtyd (Bonnet Plume Coal)
52. Pan Ocean (West Illtyd)
53. Deslaurier
54. Spaceship
55. Crest
56. Wellgreen
57. Canalask
58. Division
59. Williams Creek
60. Minto/Def
61. Tantalus
62. Antoniuk
63. Laforma
64. Mount Nansen (Webber, Huestis, Flex)
65. Brown-McDade
66. Casino
67. Zeta
68. Hart River
69. Marn
70. Brewery Creek
71. Boundary
72. Cash
73. Groundhog
74. Logjam
75. Nucleus
76. Peso Rex
77. Stormy
78. Wait
79. Whitehorse Coal
80. GP4F
81. Tinta

YUKON GEOLOGICAL SURVEY

Yukon
Energy, Mines and Resources

YUKON MINERAL DEPOSITS – Map

104-07763/

CRATON

NA Platform

SB Selwyn basin

TERRANES

CA Cassiar

Y-T Yukon-Tanana

NS Nisling

SM Slide Mountain

CC Cache Creek

ST Stikine

WM Wrangellia

AX Alexander

WR Wrangellia

CG Crystalline

m Undifferentiated

Yukon

COPPER (reserves/resources in tonnes)

WHITEHORSE COPPER [16] **Kluane Drilling, Northwest Enterprises**	***Commodity:*** *Copper (Cu, Au, Ag)*	**Minfile:** 105D 053 **Map:** 105D/11 60°40'N; 135°05'W Whitehorse	**Reserves:** 2,982,000 **Grade:** 1.0% Cu	***Status:*** *Inactive, former producer. Discovered in 1887. Mine operated intermittently from 1900 to 1982 and a total of 10,130,000 tonnes was mined with an average grade of 1.5% Cu. Approximately 177,000 oz Au and 2.6 million ounces of Ag were extracted. Total value of production in 1993 was C$496 million. 1990-91: 500 m of rotary drilling in 7 holes, geophysical survey and trenching. Drilled in 2000 and 2001, discovered new skarn zone.*
FYRE [24] **Pacific Ridge Exploration Ltd.**	***Commodity:*** *Copper (Cu, Au, Co)*	**Minfile:** 105G 034 **Map:** 105G/02 61°14'N; 130°31'W 160 km NW of Watson Lake	**Reserves:** 15,400,000 (drill-indicated) **Grade:** Within the 15.4 million, 8.2 million tonnes grade 2.1% Cu, 0.73 g/t Au and 0.11% Co	***Status:*** *Seeking joint venture partner. Discovered in 1960. 1996: extensive geological, geochemical and geophysical surveys, 71 diamond-drill holes (9,532 m). 1997: 44 diamond-drill holes (13,500 m). Preliminary scoping study and preliminary metallurgical tests complete.*
ICE [25] **Expatriate Resources Ltd.**	***Commodity:*** *Copper (Cu, Au, Ag, Co)*	**Minfile:** 105G 118 **Map:** 105G/14 61°52'N; 131°21'W 65 km E of Ross River	**Reserves:** 4,561,863 tonnes (drill-indicated) **Grade:** 1.48% Cu	***Status:*** *Under active exploration. Discovered in 1993. 1996: airborne magnetics/electromagnetics, ground geophysics, geochemistry, mapping and prospecting, followed up by a diamond-drill program. 1997: 7,880 m diamond-drill program. 1998: ore-reserve calculations completed. Includes 3.4 million tonnes of near-surface, open-pittable mineralization of which 2.7 Mt is oxide.*
MARG [42] **Atna Resources ltd.**	***Commodity:*** *Copper (Cu, Zn, Pb, Ag, Au)*	**Minfile:** 106D 009 **Map:** 106D/01 64°01'N; 134°28'W 50 km ENE of Elsa	**Reserves:** 5,527,000 (geological) **Grade:** 1.76% Cu, 4.6% Zn, 2.46% Pb, 62.7 g/t Ag, 1.0 g/t Au	***Status:*** *Inactive. Discovered in 1965. 1987: airstrip construction and road building. 1990: 4,119 m diamond drilling in 10 holes. 1995-96: 29 drill holes. 1997: winter road into site completed to facilitate development. 1997 reserves are drill-indicated. Deposit limits have not been defined. Excellent exploration potential.*
WILLIAMS CREEK [59] (Carmacks Copper) **Western Silver Corporation**	***Commodity:*** *Copper (Cu, Ag, Au)*	**Minfile:** 115I 008 **Map:** 115I/07 62°21'N; 136°42'W 28 km NW of Carmacks	**Reserves:** 15,500,000 oxide **Grade:** 1% Cu, 0.015 oz/ton Au	***Status:*** *Permitting stage. Discovered in 1970. 1993: construction of test facility for heap leaching during cold winter months. Test plant results are positive. Feasibility study completed in November, 1994. Three studies submitted to REIC and the property is in the final stages of the permitting process. 1995: additional geotechnical work completed. 1999: project review continuing under the EARP process. The company reports a geological resource of 22,400,000 tonnes at 1% Cu.*
MINTO (DEF) [60] **Minto Exploration Ltd.**	***Commodity:*** *Copper (Cu, Ag, Au)*	**Minfile:** 115I 021 **Map:** 115I/11 62°37'N; 137°14'W 80 km NW of Carmacks	**Reserves:** 8,818,000 (geological); 6,510,000 (mineable) **Grade:** 8,818,000 at 1.73% Cu, 7.54 g/t Ag, 0.48 g/t au; 6,510,000 at 2.13% Cu, 9.26 g/t Ag, 0.62 g/t Au	***Status:*** *Waiting production decision. Discovered in 1971. 1972: airstrip construction. 1974: winter road construction. 1995: diamond drilling in new zones, geotechnical drilling in area of reserves. Reserves are based on exploration to the end of 1992. Received a class A water licence in 1998. Production license received in 1999. Proposed open pit followed by underground mining operation using conventional mill. Company has completed a feasibility study.*
CASINO [66] **Great Basin Gold Ltd.**	***Commodity:*** *Copper (Cu, Mo, Au, Ag)*	**Minfile:** 115J 028 **Map:** 115J/10 62°44'N; 138°50'W 150 km NW of Carmacks	**Measured and indicated mineral resources** (January, 2003) Oxide gold: 38 million tonnes of 0.57g/t Au, 0.07 % Cu and 0.02% Mo Supergene oxide: 36 million tonnes of 0.32 g/t Au, 0.36 % Cu and 0.02 % Mo Supergene sulphide: 103 million tonnes of 0.32 g/t Au, 0.35 % Cu and 0.03 Mo Hypogene: 323 million tonnes of 0.28 g/t Au, 0.26 % Cu, 0.02% Mo	***Status:*** *Inactive. Feasibility stage. Discovered in 1967. 1994: extensive infill and geotechnical diamond drilling, metallurgical, environmental, engineering studies. No exploration in 1995, baseline environmental studies continue. Detailed project prefeasibility study completed with open-pit mining proposed. 1997: environmental studies continue. Optioned to Lumina Copper Corporation.*
HART RIVER [68] (Mark) **Calypso Developments Ltd.**	***Commodity:*** *Copper (Cu, Zn, Pb, Au, Ag)*	**Minfile:** 116A 009 **Map:** 116A/10 64°38'N; 136°51'W 100 km NW of Elsa	**Reserves:** 523,454 **Grade:** 1.45% Cu, 3.65% Zn, 0.87% Pb, 1.37g/t Au, 50 g/t Ag	***Status:*** *Inactive. Discovered in 1955. 1969: construction of winter road and underground development. Feasibility study completed in 1969. 1994: 6 diamond-drill holes totalling 1,653 m. Reserves are proven and also additional 544,322 tonnes probable ore at similar grade.*
CASH [72] **Archer, Cathro and Associates (1981)**	***Commodity:*** *Copper (Cu, Mo, Au, Ag, Pb, Zn, Sn)*	**Minfile:** 115I 037 **Map:** 115I/05 62°25'N; 136°42'W 80 km NW of Carmacks	**Reserves:** 36,300,000 (geological) **Grade:** 0.17% Cu, 0.018% MoS_2, 0.2 g/t Au, 0.4-9.1 g/t Ag	***Status:*** *Inactive. Discovered in 1969. 1974: airstrip construction. 1989: construction of access road. 1993: linecutting. Reserves are drill-indicated from 1977.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

GOLD (reserves/resources in tonnes)

HYLAND GOLD [3] (Porker, Piglet, Quiver, Sow) **StrataGold Corporation**	***Commodity:*** *Gold* *(Au, Pb, Ag)*	**Minfile:** 95D 011 **Map:** 95D/12 60°31'N; 127°51'W 65 km NE of Watson Lake	**Resource:** 3.2 million tonnes grading 1.1 g/t	***Status:*** *Inactive. Discovered in 1954. 1954-1986: intermittent exploration. 1988: bulldozer trenching, soil sampling, 4 holes (376 m), road construction. 1989: winter access road construction. 1990: 41 reverse circulation percussion holes drilled (3,800 m). 1995: 3 diamond-drill holes (439.2 m). Resources are based on trench assays. This is a low-grade oxide gold deposit with open-pit potential.*
VENUS [12] **Ron Berdahl**	***Commodity:*** *Gold* *(Au, Ag, Pb, Zn)*	**Minfile:** 105D 005 **Map:** 105D/02 60°10'N; 134°38'W 15 km S of Carcross	**Proven reserves (from 1984):** 61,689 tonnes of 10.98 g/t Au, 14 g/t Ag, 2.5% Pb, 1.5% Zn **Ore stockpiled at mill:** 12,156 tonnes of ore 5.83 g/t Au, 305.14 g/t Ag, 2.5% Pb, 1.5% Zn	***Status:*** *Inactive, former producer, mill. Discovered in 1901. Minor production 1910-11, 1925, and 1968-69. 1979: mill construction. Operations suspended, October, 1981, pending higher metal prices. 1987-88: some surface exploration work. 1994: feasibility study on remediation of mine tailings under Federal Arctic Environmental Strategy.*
SKUKUM [13] (Mount Skukum) **Tagish Lake Gold Corp.**	***Commodity:*** *Gold* *(Au, Ag)*	**Minfile:** 105D 158 **Map:** 105D/03 60°12'N; 135°28'W 40 km W of Carcross	**Reserves:** 98,885 (oxide ore) **Grade:** 14.75 g/t Au	***Status:*** *Former producer, mill. Discovered in 1981. Operated from 1986 to 1988 and produced 29,622,270 g Au from 201,461 tonnes of Cirque Zone ore, with an average grade of 13.0 g/t Au. Silver grades are not reported.*
GODDELL [14] **Tagish Lake Gold Corp.**	***Commodity:*** *Gold* *(Au, Sb, Ag)*	**Minfile:** 105D 025 **Map:** 105D/03 60°12'N; 135°17'W 85 km SSW of Whitehorse	**Indicated:** 320,000 tonnes of 11.02 g/t Au **Inferred:** 280,000 tonnes of 9.2 g/t Au	***Status:*** *Discovered in 1906. Around 1906, trenching and a short adit. 1986: road construction, trenching and mapping. 1987: VLF-EM surveys. 1988: 4 diamond-drill holes (1,976 m). 1990: 7 diamond-drill holes (1,540 m). 1997: underground adit extended 182 m, over 8,500 m of undergound drilling (37 holes). 1998: geochemistry, geophysics and diamond drilling. 2003: 800 m in 3 holes.*
MT. REID [15] (Skukum Creek) **Tagish Lake Gold Corp.**	***Commodity:*** *Gold* *(Au, Ag)*	**Minfile:** 105D 022 **Map:** 105D/03 60°11'N; 135°25'W 35 km W of Carcross	**Measured:** 160,000 of 6.12 g/t Au, 257 g/t Ag **Indicated:** 640,000 of 6.84 g/t Au, 203 g/t Ag **Inferred:** 90,000 of 6.53 g/t Au, 225 g/t Ag	***Status:*** *Active exploration. Discovered in 1922. 1985-88: Omni/Skukum Gold J.V., extensive surface and underground exploration and development. Bio-leach tests were positive. Metallurgical tests returned recoveries of 92% for Au and 94.5% for Ag. 1996: 15 hole underground drilling program. 1997: surface drilling around deposit. 1998: geochemistry, geophysics and diamond drilling. 2000: hired consultants to compile the on-site exploration data, locate existing geological targets, and conduct assessment work on the claims. 2001: drilled four holes totalling 1,502 m at targets in the Ridge Zone. 2002: drilled 15 holes totalling 2,502 m. Underground drilling began in November, 2003.*
KETZA [17] (Ketza River) **YGC Resources Ltd.**	***Commodity:*** *Gold* *(Au, Ag)*	**Minfile:** 105F 019 **Map:** 105F/07 61°30'N; 132°16'W 50 km S of Ross River	**Reserves:** 234,000 (mineable) **Grade:** 10.9 g/t Au	***Status:*** *Former producer, mill. Discovered in 1954. Production from 1988 to 1990 of over 100,000 ounces of gold. The 1995 exploration program identified new oxide reserves (Fork Zone) of unreported proportions. 1996: detailed geological mapping, prospecting, core-relogging and diamond-drill program. 1997: diamond drilling in the McGiver, Nu and B-mag zones.*
GREW CREEK [29] **A. Carlos**	***Commodity:*** *Gold* *(Au, Ag)*	**Minfile:** 105K 009 **Map:** 105K/02 62010'N; 133008'W 35 km W of Ross River **Minfile:** 106D 025	**Reserves:** 773,012 (geological) **Grade:** 8.9 g/t Au, 33.6 g/t Ag	***Status:*** *Active exploration. Discovered in 1984. 1995: drilling program. 1996: 17-hole (1,560 m) drill program. Reserves are from 1989 study. Contains a higher grade reserve of 184,947 tonnes grading 12.1 g/t Au. 2003: about 450 m drilled in 7 holes.*
DUBLIN GULCH [44] **Sterlite Gold Ltd. Ltd.**	***Commodity:*** *Gold* *(Au)*	**Minfile:** 106D 025 **Map:** 106D/04 64°02'N; 135°43'W 20 km NW of Elsa	**Reserves:** 50,400,000 (mineable), 98,900,000 (geological) **Grade:** 0.93 g/t Au, 1.19 g/t Au (geological)	***Status:*** *Feasiblity study phase. First explored in 1970. 1995: diamond drilling (24,500 m in 151 holes), metallurgical testing, engineering studies, economic evaluations and environmental baseline studies. 1998: permitting under CEAA, continued environmental monitoring and baseline studies; results of feasibility study positive with gold recovery of 80% and a stripping ratio of 0.8:1; reserves for an open-pit mineable deposit. July 2002: company changes name.*
LAFORMA [63] (Mount Freegold) **FM Resources Corp.**	***Commodity:*** *Gold* *(Au)*	**Minfile:** 115I 054 **Map:** 115I/07 62°16'N; 137°06'W 50 km NW of Carmacks	**Reserves:** 152,261 **Grade:** 5.62 g/t Au	***Status:*** *Former producer. Discovered in 1931. 1939-40: 1,286 tonnes milled. 1995: continued diamond drilling and trenching. 1995: rehabilitation of the G3 adit for a bulk test.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

GOLD (continued) (reserves/resources in tonnes)

BROWN-MCDADE [65] (Big Thing, Dome) **B.Y.G. Natural Resources Inc.**	***Commodity:*** *Gold (Au, Pb, Cu, Sb, Zn , Fe, As)*	**Minfile:** 115I 064 **Map:** 115I/03 62°03'N; 137°17'W 45 km W of Carmacks	**Reserves:** Open pit mined out, 220,000 (underground) **Grade:** 6.8 g/t Au, 57 g/t Ag	***Status:*** *Past, open-pit producer. Discovered in 1943. 1994-95: diamond drilling, topographic survey, geotechnical drilling, tailings storage study, road construction, tailings dam stripping, construction and rehabilitation of mill and mine buildings. 1996: BYG received a class A water license; production rates at the end of year reached 600 tonnes/day. 1999: mine shut down. Federal government is maintaining the mine site.*
MOUNT NANSEN [64] (Webber, Huestis, Flex) **B.Y.G. Natural Resources Inc.**	***Commodity:*** *Gold (Au, Ag)*	**Minfile:** 115I 065 **Map:** 115I/03 62°03'N; 137°08'W 45 km W of Carmacks	**Reserves:** Flex Zone, 220,000 tonnes (geological); Webber Zone, 102,500 tonnes (mineable); Huestis Vein, 148,600 tonnes (mineable) **Grade:** Flex Zone, 6.8 g/t Au, 57 g/t Ag; Webber Zone, 7.83 g/t Au, 466.4 g/t Ag; Huestis Vein, 11.75 g/t Au, 79.7 g/t Ag	***Status:*** *Under active exploration, former producer, mill. Discovered in 1945. Production from Brown-McDade: 1945-47, 1966-67, 1996-99, and from Webber, Huestis: 1968-69, 1976. 1995: expansion and rehabilitation of the existing mill. Flex zone was slated for production after depletion of the Brown-McDade.*
ANTONIUK [62] (Mount Freegold) **FM Resources Corp.**	***Commodity:*** *Gold (Au)*	**Minfile:** 115I 111 **Map:** 115I/06 62°16'N; 137°05'W 50 km NW of Carmacks	**Reserves:** 3,877,900 **Grade:** 1.2 g/t Au	***Status:*** *Inactive. Discovered in 1931. 1987: the 4.2 million tonne reserve calculated using 0.5 g/t cutoff grade and a 0.8:1 stripping ratio. Cyanide leach test shows that mineralization is amenable to heap leaching.*
MARN [69] **Canadian United Minerals**	***Commodity:*** *Gold (Au, Ag, Cu, W)*	**Minfile:** 116B 147 **Map:** 116B/07 64°29'N; 138°48'W 55 km NE of Dawson	**Reserves:** 272,000-330,000 **Grade:** 8.6 g/t Au, 1% Cu, 0.1% W, 17 g/t Ag	***Status:*** *Inactive. Discovered in 1914. 1979: mapping and geochemical sampling. 1980: mapping, sampling, 8 holes drilled (1,004 m). 1981: mapping, surveying, hand trenching, 8 holes (950 m). 1982: mapping. 1983: 13 holes (1,617 m). 1985: Control Source Audio Magnetotellurics survey, 2 holes (867 m). 1993: geological mapping, geochemistry and geophysical surveys. 1996: geology, geochemistry and geophysics program. 2003: geochemistry and geophysics.*
BREWERY CREEK [70] **Quest Capital**	***Commodity:*** *Gold (Au)*	**Minfile:** 116B 160 **Map:** 116 B/01 64°03'N; 138°14'W 57 km E of Dawson City	As of May, 2003 **Indicated resource:** 3,095,900 tonnes grading 1.135 g/t Au (assuming a 0.5 g/t Au cutoff). **Inferred resource:** 2,214,000 tonnes grading 2.01 g/t Au	***Status:*** *Care and maintenance for 2002-2003 season. Discovered in 1987. Began heap leach production in Nov. 1996. Reserve figure proven and probable as of December 31, 2001. Ore consists of 8 low-grade oxide gold deposits. Decommissioning and reclamation planned in 2003. Spectrum Gold Inc. completed a comprehensive compilation of the property in 2003.*
NUCLEUS [75] **ATAC**	***Commodity:*** *Gold (Au)*	**Minfile:** 115I 107 **Map:** 115I/06 62°20'N; 137°20'W 60 km NW of Carmacks	**Reserves:** 211,900 (high-grade zone) **Grade:** 3.16 g/t	***Status:*** *Inactive. Discovered in 1968. 1991: 739 m diamond drilling in 5 holes. Large reserve calculated in 1974 and the small higher grade reserve was calculated in 1988. Deposit open to the north and east. Could be developed as an open-pit-mining, heap leach operation.*
TINTA (81) **Midnight Mines Limited**	***Commodity:*** *Gold (Au, Ag)*	**Minfile:** 115I 058 **Map:** 115I/07 62°17'N; 136°58'W 38 km NW of Carmacks	**Resource:** 843,000 **Grade:** 2.57 g/t Au, 183.2 g/t Ag 0.35% Cu, 4.71% Pb, 6% Zn	***Status:*** *Abundant underground and surface development by previous operators.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

LEAD-ZINC (reserves/resources in tonnes)

MEL [1] (Jean) **International Barytex Resources Ltd.**	***Commodity:*** *Lead-Zinc (Zn, Pb, Barite)*	**Minfile:** 95D 005 **Map:** 95D/06 60°21'N; 127°24'W 80 km NE of Watson Lake	**Reserves:** 6,778,000 **Grade:** 7.1% Zn, 2.03% Pb, 54.69 % $BaSO_4$	***Status:*** *Under active exploration. Discovered in 1967. 1985: airstrip construction. Reserves are drill-indicated and calculated in 1989. 1994: deep drilling totalling 3,123 m, resulting in increasing the drill-indicated inventory. 1995: diamond drilling and geophysical work. 1998: development work conducted.*
MCMILLAN [2] (Quartz Lake) **Noranda Inc.**	***Commodity:*** *Lead-Zinc (Zn, Pb, Ag)*	**Minfile:** 95D 006 **Map:** 95D/12 60°32'N; 127°50'W 64 km NE of Watson Lake	**Reserves:** 1,500,000 **Grade:** 6.54% Zn, 5.6% Pb, 102.5 g/t Ag	***Status:*** *Inactive. Discovered in 1930. 1990: soil sampling, trenching (7 trenches, 810 m) to test gold potential of property. 1993: reclamation program.*
SA DENA HES [4] (Mount Hundere) **Teck Cominco**	***Commodity:*** *Lead-Zinc (Zn, Pb, Ag)*	**Minfile:** 105A 012 **Map:** 105A/10 60°31'N; 128°53'W 50 km NE of Watson Lake	**Reserves:** 2,190,000 tonnes (indicated) **Grade:** 10.4% Zn, 2.6% Pb	***Status:*** *Inactive, former producer, mill. Discovered in 1962. Curragh Resources and Hillsborough Resources brought the property into production in September 1991. Production was halted in December, 1992 due to low metal prices. Cominco acquired the property and has the mine on care-and-maintenance.*
LOGAN [8] **Expatriate Resources Ltd.(60%) and Almaden (40%)**	***Commodity:*** *Lead-Zinc (Zn, Ag)*	**Minfile:** 105B 099 **Map:** 105B/07, 10 60°30'N; 130°27'W 110 km WNW of Watson Lake	**Reserves:** 12,247,000 **Grade:** 6.17% Zn, 26.4 g/t Ag	***Status:*** *Inactive. Discovered in 1979. 1988: geochemical survey, IP survey, trenching, 6,771 m diamond drilling in 44 holes. Reserves are drill-indicated and lie within 200 m of surface (open-pittable). Deposit is unusual in that it contains zinc and silver but no significant lead. Gravel airstrip. 2003 joint development proposed with Wolverine.*
WOLF [21] **Atna Resources Ltd.**	***Commodity:*** *Lead-Zinc (Zn, Pb, Cu, Ag, Au)*	**Minfile:** 105G 008 **Map:** 105G/05 61°20'N; 131°30'W 110 SE of Ross River	**Reserves:** 4,100,000 (inferred) **Grade:** 6.2% Zn, 1.8% Pb, 84 g/t Ag	***Status:*** *Active exploration. Discovered in 1955, 1967: road construction to within 2 km of showing, mapping, soil sampling and hand trenching. 1976-77: geochemistry, EM and mag surveys, mapping, hand trenching, bulldozer trenching and 3 drill holes (528 m). 1991-92: contour and grid soil sampling, geological mapping and UTEM and magnetic surveys. 1998: 30 diamond-drill holes (6,625 m). 2000: engineering studies completed indicate that upper portion of ore body could be mined by open-pit methods.*
WOLVERINE LAKE [22] (Fetish, Kink) **Expatriate Resources Ltd., Atna Resources Ltd.**	***Commodity:*** *Lead-Zinc (Cu, Pb, Zn, Au, Ag)*	**Minfile:** 105G 072 **Map:** 105G/08 61°26'N; 130°08'W 135 km SE of Ross River	**Probable reserve:** 3,470,000 tonnes grading 12.53% zinc, 1.44% lead, 1.37% copper, 336.6 g/t silver and 1.59 g/t gold.	***Status:*** *Active exploration. Discovered in 1973. 1973-93: grid soil sampling, mapping, trenching, 2 drill holes (24.9 m), airborne and Max-Min EM surveys, prospecting, soil and silt geochemistry. 1995: mapping, sampling and geophysical surveys, 24 diamond-drill holes (6,442 m). 1996: 64 drill holes (18,810 m), airborne geophysical survey, regional mapping, geochemical surveys, and airstrip construction. 1997: drilled 22 holes. Metallurgical studies. 2003: Proposed joint development with the Logan deposit.*
KUDZ ZE KAYAH [23] (Abm, Tag) **Teck Cominco Ltd.**	***Commodity:*** *Lead-Zinc (Cu, Pb, Zn, Ag, Au)*	**Minfile:** 105G 117 **Map:** 105G/07 61°27'N; 130°36'W 115 km SE of Ross River	**Reserves:** 11,300,000 (mineable) **Grade:** 5.9% Zn, 1.5% Pb, 0.9% Cu, 133 g/t Ag, 1.3 g/t Au	***Status:*** *Inactive. Discovered in 1994. 1994: airstrip construction. 1995: construction of tote road, 15,000 m of diamond drilling (120 holes), sampling, and engineering and environmental activities. Environmental permitting complete. Class A water licence signed, open-pit planned. Prefeasibility study on joint development with Wolverine complete.*
MATT BERRY [27] (Barb) **International Barytex Resources Corp.**	***Commodity:*** *Lead-Zinc (Ag, Pb, Zn)*	**Minfile:** 105H 021 **Map:** 105H/06, 11 61°28'N; 129°25'W Frances Lake	**Reserves:** 533,434 (drill-indicated) **Grade:** 103 g/t Ag, 6.1% Pb, 4.8% Zn	***Status:*** *Discovered in late 1930s. Reserves were calculated in 1989, 1993: 53 km of line cutting. Geophysics and diamond drilling in 2002 by Kobex Resources Ltd.*
HOWARD'S PASS [28] (Summit Lake, XY, Anniv, Op) **Placer Dome Inc.**	***Commodity:*** *Lead-Zinc (Zn, Pb)*	**Minfile:** 105I 012 **Map:** 105I/06 62°28'N; 129°13'W 55 km NW of Cantung	**Anniv:** Drill-indicated reserve of 61,000,000 tonnes grading 5.4% Zn and 2.1% Pb **XY:** Drill-indicated reserve of 59,000,000 tonnes grading 2.1% Pb and 10.6% Zn **Howard's Pass area:** Inferred resource of 360,000,000 tonnes grading 7% combined Pb-Zn	***Status:*** *Discovered in 1972. 1974: building of winter road, airstrip and tote roads. 1977: access road built. 1980-81: adit. 1982: drill-indicated geological reserves are for both the Howard's Pass and Anniv deposits. 1991: cleanup work. The second reserve quoted is drill-indicated, diluted high-grade ore from the core area of the Howard's Pass deposit. In addition, inferred reserves for both deposits are in excess of 362.9 million tonnes*
SWIM [30] **Interim Receivership: Deloitte and Touche Inc.**	***Commodity:*** *Lead-Zinc (Zn, Pb, Ag, Au)*	**Minfile:** 105K 046 **Map:** 105K/06 62°13'N; 133°02'W Faro	**Reserves:** 4,750,000 (drill-indicated) **Grade:** 4.7% Zn, 3.8% Pb, 42 g/t Ag	***Status:*** *Discovered 1963. Drill-indicated reserves are within 18-million-tonne deposit of massive sulphide roughly 460 m long and 150 m wide, average thickness of 21 m.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

LEAD-ZINC (continued) (reserves/resources in tonnes)

GRUM [30] **Interim Receivership: Deloitte and Touche Inc.**	***Commodity:*** *Lead-Zinc (Zn, Pb, Ag, Au)*	**Minfile:** 105K 056 **Map:** 105K/06 62°16'N; 133°13'W Faro	**Reserves:** 16,900,000 (mineable) **Grade:** 4.9% Zn, 3.0 % Pb, 47 g/t Ag	***Status:*** *Discovered 1973. Mining commenced under Anvil Range Mining in August, 1995. Production ceased January 16, 1998.*
GRIZZLY (DY) [30] **Interim Receivership: Deloitte and Touche Inc.**	***Commodity:*** *Lead-Zinc (Zn, Pb, Ag, Au)*	**Minfile:** 105K 101 **Map:** 105K/03 62°14'N; 133°09'W Faro	**Reserves:** 21,356,000 (probable and possible) **Grade:** 7.33% Zn, 5.54% Pb, 81.1 g/t Ag, 0.87 g/t Au	***Status:*** *Discovered 1976 as Dy deposit. Renamed Grizzly deposit in 1996. Reserves calculated using 9% Pb+Zn cutoff grade. Underground mining only; more exploration needed. Prefeasibility completed in 1996 by Anvil Range.*
CLEAR LAKE [31] **Energold Mines Ltd.**	***Commodity:*** *Lead-Zinc (Zn, Pb, Ag)*	**Minfile:** 105L 045 **Map:** 105L/14 62°47'N; 135°08'W 80 km NW of Faro	**Reserves:** 5,600,000 (drill-indicated) **Grade:** 11.4% Zn, 2% Pb, 38 g/t Ag	***Status:*** *Inactive. Discovered in 1965. 1993: program tested coincident gravity and magnetic anomalies peripheral to the known mineralized area. Also, 1,364 m diamond drilling in 6 holes, gravity and magnetometer surveys, auger-assisted soil testing.*
TOM [33] **Hudson Bay Exploration and Development**	***Commodity:*** *Lead-Zinc (Pb, Zn, Ag, Ba)*	**Minfile:** 115O 001 **Map:** 105O/01 63°08'N; 130°06'W MacPass	**Reserves:** 9,283,700 (mineable) **Grade:** 7.5% Pb, 6.2% Zn, 69.4 g/t Ag	***Status:*** *Inactive. Discovered in 1951. 1979-81: underground work. 1980-82: feasibility study. 1991: 2,883 m diamond drilling in 7 holes. Reserve calculated using a 7% Zn+Pb cutoff, 15% dilution, 90% recovery.*
JASON [34] **MacPass Resources Ltd.**	***Commodity:*** *Lead-Zinc (Pb, Zn, Ag, Ba)*	**Minfile:** 105O 019 **Map:** 105O/01 63°10'N; 130°10'W MacPass	**Reserves:** 14,100,000 (geological) **Grade:** 7.09% Pb, 6.57% Zn, 79.9 g/t Ag	***Status:*** *Inactive. Discovered in 1974. 1991: 2,553 m diamond drilling in 8 holes. Camp was cleaned up and 88 fuel barrels removed. Reserves (geological) calculated using a cutoff grade of 8% Zn+Pb. Mineralization occurs in 3 zones.*
GOZ [38] (Goz Creek) **Fairfield Minerals Ltd.**	***Commodity:*** *Lead-Zinc (Zn)*	**Minfile:** 106C 020 **Map:** 106C/07 64°26'N; 132°31'W 150 km ENE of Elsa	**Reserves:** 1,400,000 (drill-indicated) **Grade:** 10.0% Zn sulphide, 3.5% Zn oxide	***Status:*** *Inactive. Discovered in 1973. 1975: 4,208 m diamond drilling in 35 holes. Upper dolomite is considered to have a potential for 10.9 million tonnes grading 8% Zn.*
BLENDE [47] **Eagle Plains Resources**	***Commodity:*** *Lead-Zinc (Zn, Pb, Ag)*	**Minfile:** 106D 064 **Map:** 106D/07 64°25'N; 134°40'W 70 km NE of Elsa	**Reserves:** 19,400,000 (geological) **Grade:** 3.04% Zn, 2.81% Pb, 55.9 g/t Ag	***Status:*** *Inactive. Discovered in 1961. NDU Resources conducted a 596 m drill program over 7 holes during 1994. Water quality studies continuing. Drill-indicated open-pittable geological resource based on 1991 drilling. Mineralization is still open to the west, where it projects beneath talus cover.*
GP4F [80] **Teck Cominco Ltd.**	***Commodity:*** *Lead-Zinc (Zn, Pb)*	**Minfile:** 105I 012 **Map:** 105I/06	**Resource**: 1.5 million tonnes **Grade:** 6.4% Zn, 3.10% Pb, 0.10% Cu, 90 g/t Ag, 2.0 g/t Au	***Status:*** *Discovered in 1998.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

SILVER (reserves/resources in tonnes)

HART [6] (CMC) **W. Hyde**	***Commodity:*** *Silver* *(Ag, Pb, Zn)*	**Minfile:** 105B 021 **Map:** 105B/07 60°20'N; 130°44'W 120 km NW of Watson Lake	**Reserves:** 97,000 **Grade:** 1025 g/t Ag	***Status:*** *Inactive. Discovered in 1947. 1987: extensive trenching, detailed fracture analysis, 609.6 m drilling in 4 holes on TM zone. Reserves calculated in 1987.*
TINTINA [20] (Eagle) **Tintina Mines Ltd.**	***Commodity:*** *Silver* *(Ag, Zn, Pb)*	**Minfile:** 105G 006 **Map:** 105G/03 61°09'N; 131°09'W 115 km SE of Ross River	**Reserves:** 90,900 **Grade:** 686 g/t Ag, 10.0% Zn, 6.0% Pb	***Status:*** *Inactive. Discovered in 1961. 1962: winter road construction and underground work. 1987: 1,712 m diamond drilling in 15 holes, trenching. Reserves were calculated in 1979 and are drill-indicated and inferred.*
UNITED KENO HILL [32]	***Commodity:*** *Silver* *(Au, Ag, Pb, Zn)*	**Minfile:** 105M 001 **Map:** 105M/13, 14 63°55'N; 135°30'W Elsa	**Geological reserves** (from 1995 and 1996): 856,302 tonnes grading 1,026.03 g/t Ag , 4.8% Pb and 3.9% Zn	***Status:*** *Former producer, mill. Discovered in 1903. From 1921-1988, there has been 4.8 million tonnes milled which produced 6.9 million grams of Ag, 322 million kg of Pb, and 198 million kg of Zn. Operations suspended in January, 1989. 1994: diamond and reverse circulation drilling, geophysics on the Silver King, Husky SW and Bellekeno areas, and a winter (1995) program of rehabilitation and de-watering of the Bellekeno and Silver King mines, as well as underground diamond drilling and ore delineation. 1997: placed on care-and-maintenance.*
PLATA/INCA [37] **First Star Innovations**	***Commodity:*** *Silver* *(Ag, Pb, Au)*	**Minfile:** 105N 003 **Map:** 105N/09 63°53'N; 132°02'W 180 km N of Ross River	**Reserves:** 206,000 **Grade:** 3.3 g/t Au, 267.5 g/t Ag	***Status:*** *Under active exploration. Past, open-pit producer. Discovered in 1969. 1973: construction of winter road, bush airstrip and 25 km of tote roads, grid soil sampling, detailed mapping and bulldozer trenching. 1976, 1983, 1984, 1990: 450, 1360 tonnes mined and shipped to smelter. 1984-85: 260 m cross-cut driven 100 m vertically below no. 2 vein open pit, drilled 13 holes. 1987: 670 m of holes drilled and mined from no. 4 and no. 6 veins. 1998: 16 drill holes (2000 m).*
CRAIG [39] **Manson Creek Resources**	***Commodity:*** *Silver* *(Ag, Zn, Pb)*	**Minfile:** 106C 073 **Map:** 106C/03 64°09'N; 133°20'W 105 km NE of Elsa	**Reserves:** 964,000 (drill-indicated) **Grade:** 13.5% Zn, 8.5% Pb, 112 g/t Ag	***Status:*** *Active exploration, feasibility study phase. Discovered in 1976. 1986: hand trenching. 1998: exploration of several showings within the area. In 2001, Manson Creek completed regional airborne surveys over the NAD claims.*
VERA [40] (Rusty Mountain) **Manson Creek Resources**	***Commodity:*** *Silver* *(Ag, Pb, Zn)*	**Minfile:** 106C 083 **Map:** 106C/05 64°18'N; 133°44'W 70 km NE of Elsa	**Reserves:** 850,000 (drill-indicated) **Grade:** 306 g/t Ag, 3.7% Pb + Zn	***Status:*** *Active exploration. Discovered in 1978. 1984: 12 holes diamond drilling, environmental studies. Reserves calculated in 1981. The 1984 drilling expanded the potential reserves to 1.36 million tonnes. 1998: re-evaluation work.*
VAL [41] **Manson Creek Resources**	***Commodity:*** *Silver* *(Ag, Pb, Zn, Cu)*	**Minfile:** 106C 085 **Map:** 106C/05 64°16'N; 133°41'W 95 km NE of Elsa	**Reserves:** 66,000 **Grade:** 1030 g/t Ag	***Status:*** *Active exploration. Discovered in 1978. 1978: mapping, geochemistry surveys, hand trenching and drilled 10 holes (456 m). 1979: explored with mapping, geochemistry surveys, trenching and 39 drill holes (3,157 m). 9 holes (1,304 m) in 1980 and 16 holes (630 m) in 1981. 1982: trenching and prospecting. 1988: drilling and environmental studies along the proposed road route; re-evaluation work.*
CLARK [43] **15966 Yukon Inc.**	***Commodity:*** *Silver* *(Ag, Pb, Zn)*	**Minfile:** 106D 011 **Map:** 106D/02 64°07'N; 134°57'W 80 km NE of Mayo	**Reserves:** Above adit level – indicated 129,350; above adit level – inferred 65,400; below adit level – indicated 85,500; below adit level – inferred 46,800 **Grade:** Above adit level – indicated 220 g/t Ag, 4.99 g/t Pb, 4.58 g/t Zn; above adit level – inferred 192 g/t Ag, 4.54 g/t Pb, 4.61 g/t Zn; below adit level – indicated 304 g/t Ag, 6.51 g/t Pb, 4.45 g/t Zn; below adit level – inferred 350 g/t Ag, 7.36 g/t Pb	***Status:*** *Inactive. Discovered in 1967. 1968: prospecting, soil sampling, road construction and bulldozing. 1970-1988: exploration consisted of bulldozer trenching, 11 winkie hole (164 m), geochemistry and geophysical surveys, 59 diamond-drill holes totalling 6,121 m, 455 m of cross cutting and drifting 100 m below the surface at 1,006 m elevation.*
ZETA [67] **R. Berdahl**	***Commodity:*** *Silver* *(Ag)*	**Minfile:** 115P 047 **Map:** 115P/14 63°59'N; 137°17'W 105 km E of Dawson	**Geological reserves** (1988): 98,248 tonnes grading 557.8 g/t Ag	***Status:*** *Inactive. Discovered in 1983. 1984: trenching, mapping, mag, VLF-EM, geochemistry surveys and 10 holes (883 m) drilled. 1988: 4 holes drilled (138 m).*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

GROUNDHOG [73] (left, Lorne) **St. Cyr Mineral Explorations Ltd.**	***Commodity:*** *Silver* *(Ag, Pb, Zn)*	**Minfile:** 105F 029 **Map:** 105F/10 61°37'N; 132°52'W 50 km SSW of Ross River	**Reserves:** 200,951 **Grade:** 91.9 g/t Ag, 4.01% Zn, 3.18% Pb	***Status:*** *Inactive. Discovered in 1956. 1978: road construction. 1979-80: shipped 1,010 tonnes of hand-sorted galena ore. 1988: shipped 21 tonnes bulk sample. 1991: trenching. Reserves are probable and drill-indicated for seven separate deposits.*
LOGJAM [74] **7188 Yukon Ltd.**	***Commodity:*** *Silver* *(Ag, Au, Zn, Pb)*	**Minfile:** 105B 038 **Map:** 105B/04 60°02'N; 131°36'W 65 km E of Teslin	**Reserves:** 69,854 **Grade:** 392 g/t Ag, 3.01 g/t Au, 3.0% Zn, 2.0% Pb	***Status:*** *Inactive. Discovered in 1944. 1965-67, 1981: underground work, road construction. 1987: surface geology, geochemistry, 601 m of diamond drilling in 9 holes, underground development. 1988: road construction. Reserves are probable with an additional equal tonnage of possible ore.*
PESO/REX [76] **M.J. Moreau**	***Commodity:*** *Silver* *(Ag, Pb)*	**Minfile:** 106D 021 **Map:** 106D/04 64°00'N; 135°54'W 60 km NW of Carmacks	**Reserves:** 139,373 **Grade:** 717 g/t Ag, 3.7% Pb	***Status:*** *Inactive. Discovered in 1910. 1991: Aurum Geological Consultants conducted a small sampling and evaluation program. Proven and probable reserves in the Rex and No. 1 veins.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

TUNGSTEN (reserves/resources in tonnes)

BAILEY [5] (Pat, Morning Star) **North American Tungsten Ltd.**	***Commodity:*** *Tungsten* *(W, Cu, Mo)*	**Minfile:** 105A 017 **Map:** 105A/15 60°46'N, 128°51'W 80 km N of Watson Lake	**Reserves:** 272,160 **Grade:** 0.96% WO_3	***Status:*** *Inactive. Discovered in 1963. 1992: reconnaissance prospecting and geochemical sampling. Mineralization located in 3 zones over a strike length of 4 km. Reserves from B.evans.*
LOGTUNG [7] **Strategic Metals inc.**	***Commodity:*** *Tungsten* *(W, Mo)*	**Minfile:** 105B 039 **Map:** 105B/04 60°01'N, 131°37W 65 km E of Teslin	**Reserves:** 162,000,000 (geological) **Grade:** 0.14% WO_3, 0.05% MoS_2	***Status:*** *Active exploration. Discovered in 1976. 1977-81: Canamax option, road construction. 1993: NDU Resources has the right to earn 50% interest by spending $1 million over 3 years and granting 50% interest in adjacent NDU claims. 1993: work program to assess Au by prospecting, geochemical surveys, and 2 diamond drill holes (234 m). Open-pit mineable. 1998: Nordac acquired claims, conducts exploration south of deposit.*
JC [9] (Fis, Fur, Fxe, Viola) **Tanana Exploration**	***Commodity:*** *Tungsten* *(W, Sn, Cu, Zn)*	**Minfile:** 105B 040 **Map:** 105B/04 60°12'N, 131°42W 65 km E of Teslin		***Status:*** *Inactive. Discovered in 1967. 1968: bulldozer trenching. 1974: drilled two holes (18.3 m). 1978-80: mapping and geochemistry, sampling, trenching. 1978: magnetic surveys. 1979-80: 8 holes (804.7 m).*
RISBY [18] **Ron Berdahl**	***Commodity:*** *Tungsten* *(W)*	**Minfile:** 105F 034 **Map:** 105F/14 61°52'N, 133°23W 45 km S of Faro	**Reserves:** 2,700,000 **Grade:** 0.81% WO_3	***Status:*** *Inactive. Discovered in 1968. 1979-82: geological mapping, geochemical and geophysical surveys, and 3,971 m diamond drilling in 40 holes. Reserves are estimated.*
MACTUNG [35] **North American Tungsten Ltd.**	***Commodity:*** *Tungsten* *(W)*	**Minfile:** 105O 002 **Map:** 105O/08 63°17'N, 130°09W MacPass	**Reserves:** 57,200,000 **Grade:** 0.95% WO_3	***Status:*** *Inactive. Discovered in 1962. 1970: tote road. Western world's largest tungsten deposit. 1971-1979, 1985: underground work. 1985: road construction. Engineering, environmental and feasibility studies essentially complete, awaiting higher tungsten prices.*
GARNET [45] (Rav Gulch) **New Millennium Mining Ltd.**	***Commodity:*** *Tungsten* *(W)*	**Minfile:** 106D 027 **Map:** 106D/04 64°02'N, 135°45W 20 km NNE of Elsa	**Reserves:** 7,260,000 including 3,600,000 **Grade:** 7,260,000 at 0.87% WO_3; 3,600,000 at 0.93% WO_3	***Status:*** *Inactive. First staked in 1942. 1961-64: bulldozer trenching. 1978-79, 1981: extensive geochemistry and geophysical surveys. 1981: trenching. Diamond drilling: 23 holes (2,423 m) in 1979, 64 holes (11,278 m) in 1980, 3 holes (751 m) in 1982. Mapping, geochemistry and VLF-EM surveys and trenching in 1982. 1991: mapping, geochemistry, geophysics and 16 diamond-drill holes (2,500 m). 1992: 1,129.9 m of reverse circulation drilling. 1993: 10 reverse circulation drill holes (2,079 m), and several test pits.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

OTHER

(reserves/resources in tonnes)

RED MOUNTAIN [10] **Tintina Mines Ltd.**	***Commodity:*** *Molybdenum (Mo)*	**Minfile:** 105O 009 **Map:** 105O 11 60°59'N; 133°45'W 80 km NE of Whitehorse	**Reserves:** range between 187.3 million tonnes grading 0.167% MoS_2 and 21.3 million tonnes grading 0.29% MoS_2	***Status:*** *Inactive. Discovered in 1967. 1978-82: 21,191 m diamond drilling, and metallurgical studies. Drill-indicated geological reserves calculated in 1982. Larger reserve calculated using a 0.10% MoS_2 cutoff and smaller reserve used a cutoff of 0.25% MoS_2. 1994: 6 diamond-drill holes (243 m).*
MARLIN [11] (Eve, Evelynn Creek) **Sidrock**	***Commodity:*** *Rhodonite*	**Minfile:** 105C 017 **Map:** 105C 11 60°42'N; 133°20'W 70 km NNW of Teslin		***Status:*** *Open-pit producer. Discovered in 1955. 1987-88: road upgraded, 27.3 tonnes shipped out in 1987, 20 tonnes 1988, 60 tonnes in 1989. 1992: repaired road, mapping at 1:5,000 scale and mined 40 tonnes. Exploration trenching 1992, 1998. 35 tonnes mined.*
KING ARCTIC [26] (Easy, Frances, Lind, Mary Elizabeth, Snow) **M. Rosequist**	***Commodity:*** *Jade*	**Minfile:** 105H 014 **Map:** 105H 03 61°06'N; 129°25'W 120 km N of Watson Lake		***Status:*** *Inactive, former open-pit producer. Discovered in 1964. 1989-90: shipped 70 tonnes and 40 tonnes. 1991-94: road building and jade production.*
SAMOVAR [36] (Tea, Brock) **Coyne H. & Sons Ltd.**	***Commodity:*** *Barite (Ba)*	**Minfile:** 105O 020 **Map:** 105O 02 62°21'N; 130°36'W Jett Lake	**Reserves:** 230,000 **Grade:** S.G. 4.24	***Status:*** *Open-pit producer. Discovered in 1975. Deposit amenable to open-pit mining with no stripping ratio. 1998: production of 3,000 tonnes.*
PAGISTEEL [46] **Archer, Cathro & Associates (1981) Ltd.**	***Commodity:*** *Iron (Fe)*	**Minfile:** 106D 049 **Map:** 106D 16 64°50'N; 134°17'W 115 km NE of Elsa	**Reserves:** 9,100,000 **Grade:** 29.2% soluble iron	***Status:*** *Inactive. Discovered in 1898. First staked in 1962. 1967: winter road and airstrip construction, magnetometer survey and 15 holes (1448.7 m). 1980-82: radiometric and rock geochemical surveys, prospecting and hand trenching. 1989: mapping and relogging and sampling drill core. Reserves based on drill results.*
CREST [55] (Snake River) **Chevron Resources Canada**	***Commodity:*** *Iron (Fe)*	**Minfile:** 106E 008 **Map:** 106E 2, 3, 5, 7 65°15'N; 133°02'W Yukon/NWT border	**Reserves:** 5.5 billion **Grade:** 46% Fe	***Status:*** *Inactive, feasibility study phase. Discovered in 1961. 1963-64: 2 bulk samples totalling 110 tonnes were shipped out for metallurgical test; feasibility study completed. Stripping ratio less than 1:1. This reserve figure includes 18.2 billion tonnes, at slightly higher ratios, averaging 46% Fe, 25% SiO_2 and 0.15% phosphorous.*
WELLGREEN [56] (Quill Creek) **Northern Platinum Ltd.**	***Commodities:*** *Nickel (Ni), Cu, PGE, Au, Ag*	**Minfile:** 115G 024 **Map:** 115G 05 61°28'N; 139°32'W 35 km NW of Burwash Landing	**Reserves:** 50,012,466 (geological) **Grade:** 0.36% Ni, 0.35% Cu, 0.54 g/t Pt, 0.34 g/t Pd	***Status:*** *Active exploration, former producer. Discovered in 1952. Produced from 1972 to 1973. 1988: 4,250 level rehabilitated, 5,500 m underground diamond drilling (47 holes), metallurgical testing, preliminary feasibility studies. Reserves released in 1989. Deposit also contains significant amounts of rhodium, iridium, osmium and gold. 1996: 57 rotary percussion drill holes (3,900 m). 1997: rehabilitation and resampling of underground workings. 1998 geology and geochemistry.*
CANALASK [57] **StrataGold Corporation**	***Commodity:*** *Nickel (Ni, Cu, PGE)*	**Minfile:** 115E 045 **Map:** 115E 15 61°57'N; 140°32'W 50 km S of Beaver Creek	**Reserves:** 380,235 (main zone) **Grade:** 1.35% Ni	***Status:*** *Inactive. Discovered in 1952. 1994: diamond-drill program (6 holes) and metallurgic testing. 1995: continued drilling. Main zone has a length of 107 m, a width of 15 m and is cut off at the west by a fault. Two other zones are also present but of lower grade. Deposit remains open along strike and to depth. 1997: 10 holes totalling 1,203 m.*
BOUNDARY [71] **Withdrawn from Staking**	***Commodity:*** *Iron (Fe)*	**Minfile:** 117A 072 **Map:** 117A 09 68°30'N; 136°31'W 150 km W of Inuvik		***Status:*** *Gem stone occurrence first noted in 1971. Spectacular suite of approximately 30 unusual phosphate minerals, including lazulite and kulanite.*
STORMY [77] **Open**	***Commodity:*** *Molybdenum (Mo, W)*	**Minfile:** 105E 011 **Map:** 105E 07 61°30'N; 132°48'W 60 km SW of Ross River	**Reserves:** 13,608 **Grade:** 0.73% Mo	***Status:*** *Inactive. Discovered in 1955. 1989: old drill core reassayed. Two separate mineralized zones, one molybdenum, one tungsten. Reserves are probable and calculated in 1959.*
WALT [78] (Cathy) **Coyne H. & Sons Ltd.**	***Commodity:*** *Barite (Ba)*	**Minfile:** 105O 021 **Map:** 105O 07, 08 63°17'N; 130°33'W MacPass	**Reserves:** 450,000 **Grade:** S.G. 4.25	***Status:*** *Inactive. Discovered in 1974. 1993: mapping, prospecting and bulk sampling. Reserves based on 1980 drilling within main (Cathy) zone.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

COAL (reserves/resources in tonnes)

WHISKEY LAKE [19] **Nadahini Mining Corporation**	***Commodity:*** *Coal*	**Minfile:** 105E 048 **Map:** 105E/15 61°58'N; 132°32W 5 km SW of Ross River	**Grade:** Low-volatile bituminous to semi-anthracite, calorific value 12,920 G. BTU	***Status:*** *Former open-pit producer. Discovered in 1964. 1980: 13 percussion holes drilled (1520 m). 1986: small open-pit mine opened. Approximately 101,000 tonnes of coal mined between 1986 and 1992. 1987: 730 m of reverse-circulation drill holes. 1988: 15,240 m of drilling was completed.*
MARATHON [48] (Airstrip) **Pan Ocean Limited**	***Commodity:*** *Coal*	**Minfile:** 106E 013 **Map:** 106E/03 65°13'N; 135°17W 145 km N of Elsa	**Reserves:** 18,000,000 (inferred) **Grade:** High-volatile bituminous C non-coking	***Status:*** *Inactive. Discovered in 1905. 1979: mapping and 1 hole drilled (111 m). One hole drilled in 1980 (276 m). Specifications of coal: yield 70.4%; moisture 4.8%, ash 18.9%, volatiles 30.8%, fixed carbon 45.1%; specific energy 9,500 BTU/lb.*
POLE [49] (Wernecke) **Pan Ocean Limited**	***Commodity:*** *Coal*	**Minfile:** 106E 021 **Map:** 106E/01 65°12'N; 135°01W 145 km NNE of Elsa	**Reserves:** 105,000,000 indicated; 29,000,000 inferred **Grade:** High-volative bituminous C non-coking	***Status:*** *Inactive. Discovered in 1977. 1978: mapping and 1 hole drilled (117 m). 1980: 2 holes drilled (660 m). Specifications of coal: yield 67.8%; moisture 4.6%, ash 11.1%, volatiles 36.0%, fixed carbon 48.4%; specific energy 10,700 BTU/lb.*
GARLIC RING [50] **Pan Ocean Limited**	***Commodity:*** *Coal*	**Minfile:** 106E 012 **Map:** 106E/07 65°20'N; 134°51W 160 km NNE of Elsa	**Reserves:** 9,000,000 indicated; 6,000,000 inferred **Grade:** High-volative bituminous C non-coking	***Status:*** *Inactive. Acquired in 1977. 1980: diamond-drill program, 2 holes (484 m). Two seams which average 2.6 m and 3.4 m thick. Reserves based on 1980 drilling.*
ILLTYD [51] (Bonnet Plume Coal) **Abermin Corporation**	***Commodity:*** *Coal*	**Minfile:** 106E 035 **Map:** 106E/06, 07 65°15'N; 135°00W 160 km N of Elsa	**Reserves:** 37,700,000 (mineable) **Grade:** High-volative bituminous C non-coking (Thermal)	***Status:*** *Inactive. Discovered in 1977. 1977-79: geological mapping, diamond drilling, mining, environmental and thermal power plant studies. Saleable reserves are open-pittable coal based on stripping ratio of 10m³ of waste per tonne of coal. The coal has the following characteristics: yield: >23%; moisture 5.1%, ash 17%, volatiles 33.6%, fixed carbon 44.2%, sulphur <0.5%; specific energy 9,500 BTU/lb and ash fusion temp. >1316°C.*
PAN OCEAN [52] (West Illtyd) **Pan Ocean Limited**	***Commodity:*** *Coal*	**Minfile:** 106E 036 **Map:** 106E/03 65°14'N; 135°01W 145 NNE of Elsa	**Reserves:** 48,000,000 **Grade:** High-volative bituminous C non-coking	***Status:*** *Inactive. Discovered in 1977. 1980: mapping and 2 holes (555 m).*
DESLAURIER [53] **Pan Ocean Limited**	***Commodity:*** *Coal*	**Minfile:** 106E 037 **Map:** 106E/02 65°26'N; 135°26W 210 km N of Mayo	**Reserves:** Indicated 61 million, inferred 44 million **Grade:** yield 72.3%, ash 11.2%, volatiles 33.3%, fixed carbon 51.2%, moisture 4.2%	***Status:*** *Inactive. First acquired in 1977. Coal grade high volatile bituminous. 1979-80: diamond drilling, 3 holes, for a total of 612 m. Four seams correlated with Illtyd deposit 106E 035. The upper seam is 8.0 m thick and the lower seam is 5.0 m thick. Deposit occurs within a monocline and is separated into two blocks by a fault.*
SPACESHIP [54] **Pan Ocean Limited**	***Commodity:*** *Coal*	**Minfile:** 106E 038 **Map:** 106E/02 65°13'N; 134°55W 150 km NNE of Elsa	**Reserves:** Inferred 158,000,000 **Grade:** High-volative bituminous C non-coking	***Status:*** *Inactive. First acquired in 1977. 1980: mapping and 2 holes (689 m) drilled.*
DIVISION [58] (Division Mountain) **Cash Minerals Ltd.**	***Commodity:*** *Coal*	**Minfile:** 115H 013 **Map:** 115H/08 61°20'N; 136°05W 90 km N of Whitehorse	**Reserves:** 52,900,000 (drill-indicated) **Grade:** 8% moisture, 12.2% ash, 27.6% volatile matter, 52.1% fixed carbon, 0.5% sulphur, calorific value 6170 calories/g	***Status:*** *Advanced exploration. Property discovered in 1907. 1970-71: road construction. 1995: large-diameter diamond drilling (2,000 m) and excavator trenching. Environmental, archaeological and sociological studies have been initiated in preparation for permitting. An initial submission to the federal government is in progress. 1997-98: program of excavator trenching and diamond drilling. Reserves drill-indicated and open-pittable.*
TANTALUS [61] (Tantalus Butte) **Archer, Cathro & Associates (1981) Ltd.**	***Commodity:*** *Coal*	**Minfile:** 115I 003 **Map:** 115I/01 62°07'N; 136°16W 5 km N of Carmacks	**Grade:** High-volative bituminous B non-coking	***Status:*** *Inactive, past underground producer. First discovered in 1905. 1923: development commenced with an adit. Production averaged about 454 tonnes per year until 1938. Mine reopened in 1948 until 1967; total production for this period approximately 118,000 tonnes. Mine reopened in 1969 and mined 109,770 tonnes to the end of 1976. 1977: 42 percussion holes (3,476.8 m), resistivity, IP, gravity and downhole EM surveys. Underground fire in 1978 caused the mine to be sealed and production was shifted to the surface. 1978: 31 percussion holes drilled (1,535.9 m) and bulldozer trenching.*
WHITEHORSE COAL [79] **Whitehorse Coal Corp.**	***Commodity:*** *Coal*	**Minfile:** 105D 042 **Map:** 105D/06, 11 60°30'N; 135°15W 25 km SW of Whitehorse	**Reserves:** 458,000 **Grade:** High-ash anthracite	***Status:*** *Inactive. Discovered in 1901. 1942: minor production. 1988: 2,721 tonne bulk sample for testing. Reserves are drill-indicated. Coal ranked as a meta-anthracite with 3.5% moisture, 38.2% ash and a calorific content of 19,765 KJ/kg.*

Reserves/resources are from a variety of sources and may not be compliant with National Instrument 43-101.

ISSN 1499-8092